

ABSTRACT OF THE INVENTION

LOAD BOARD WITH EMBEDDED RELAY TRACKER

A load board includes an embedded relay tracker circuit that counts and stores relay clicks to measure relay usage. Having accurate relay usage data reduces maintenance costs. The relay tracker circuit includes a controller with a counter for counting relay clicks of the load board relays and wires or conductive traces connecting the controller to the relays. Each time a relay switches, a signal is transmitted from the relay to the controller and the controller increments the counter. The count information then is stored in a memory connected to the counter.